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| P. C. C.  | and the state of t | U.S. f  | PTO/SB/21 (09-04) Approved for use through 07/31/2006. OMB 0651-0031 Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE |  |  |  |  |  |  |  |
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| TR  | ANSMITTAL  | Filing Date   | June 25, 2004   |  |  |  |  |  |  |  |
| _   | FORM   | First Named Inventor  | Timothy J. Dalton et al.  |  |  |  |  |  |  |  |
|   |  | Art Unit  | 2818  |  |  |  |  |  |  |  |
| (to be used for   | all correspondence after initial filing)   | Examiner Name   | Phuc T. Dang  |  |  |  |  |  |  |  |
|   | f Pages in This Submission   | Attorney Docket Number  | FIS920040128US1   |  |  |  |  |  |  |  |
| ENCLOSURES (Check all that apply)   |  |   |   |  |  |  |  |  |  |  |
| Amendment And   | ee Attached  ent/Reply  fter Final  ffidavits/declaration(s)  n of Time Request  Abandonment Request  on Disclosure Statement  Copy of Priority  nt(s)  Missing Parts/ te Application eply to Missing Parts  | Drawing(s)  Licensing-related Papers  Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence A Terminal Disclaimer Request for Refund  CD, Number of CD(s)  Landscape Table on CD  arks | Address Status Letter Other Enclosure(s) (please Identify below):   |  |  |  |  |  |  |  |
|   | nder 37 CFR 1.52 or 1.53   |   |   |  |  |  |  |  |  |  |
|   | SIGNATURE (  | OF APPLICANT, ATTO  | RNEY, OR AGENT  |  |  |  |  |  |  |  |
| Firm Name   | DeLio & Peterson, LLC  |   |   |  |  |  |  |  |  |  |
| Signature   | Kellm  |   |   |  |  |  |  |  |  |  |
| Printed name  | Kelly M. Reynolds  |   |   |  |  |  |  |  |  |  |
| Date  | April 27, 2005   | F   | Reg. No. 47,898   |  |  |  |  |  |  |  |
| CERTIFICATE OF TRANSMISSION/MAILING   |  |   |   |  |  |  |  |  |  |  |
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: |  |   |   |  |  |  |  |  |  |  |
| Signature Suroli Thurs  |  |   |   |  |  |  |  |  |  |  |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date | April 27, 2005

Carol M. Thomas

Typed or printed name

PTO/SB/17 (12-04v2)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
ork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMR control number

| Fees pursuant to th   | Complete if Known                        |                        |                          |                        |                   |              |                |                |  |  |  |  |
|---|--|------------------------|--------------------------|------------------------|-------------------|--------------|----------------|----------------|--|--|--|--|
|   | Application N                            | Number 10/710,210      |                          |                        |                   |              |                |                |  |  |  |  |
| FOR FY 2005   |  |                        |                          | Filing Date            |                   | June 25, 2   | -              |                |  |  |  |  |
|   | First Named I                            | nventor                | Timothy J. Dalton et al. |                        |                   |              |                |                |  |  |  |  |
| Anniinant sta   | Examiner Nar                             | me                     | Phuc T. Dang             |                        |                   |              |                |                |  |  |  |  |
| Applicant claims small entity status. See 37 CFR 1.27   |  |                        |                          | Art Unit               |                   | 2818         |                |                |  |  |  |  |
| TOTAL AMOUNT  | OF PAYMENT                               | 0                      | Attorney Dock            | ket No.                | FIS920040128US1   |              |                |                |  |  |  |  |
| METHOD OF P   | METHOD OF PAYMENT (check all that apply) |                        |                          |                        |                   |              |                |                |  |  |  |  |
| Check Credit Card Money Order None Other (please identify):   |  |                        |                          |                        |                   |              |                |                |  |  |  |  |
| Deposit Account Deposit Account Number: 09-0458 Deposit Account Name:   |  |                        |                          |                        |                   |              |                |                |  |  |  |  |
|   |  |                        |                          | reby authorized        | to: (check        | all that app | ly)            |                |  |  |  |  |
| For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee |  |                        |                          |                        |                   |              |                |                |  |  |  |  |
| Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments   |  |                        |                          |                        |                   |              |                |                |  |  |  |  |
| under 37 CFR 1.16 and 1.17 WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card                                |  |                        |                          |                        |                   |              |                |                |  |  |  |  |
| Information and authorization on PTO-2038.  FEE CALCULATION   |  |                        |                          |                        |                   |              |                |                |  |  |  |  |
|   |  | ND EVARALL             | ATION CCC                | <del></del>            |                   |              |                |                |  |  |  |  |
| 1. BASIC FILIN  | G, SEARCH, AI<br>FILII                   | ND EXAMIN<br>NG FEES   |                          | RCH FEES               | EXAN              | MINATION     | FEES           |                |  |  |  |  |
| Application T   |  | Small Ent              | ity                      | Small Entity           |                   | Small E      | Entity         | Fees Paid (\$) |  |  |  |  |
| Utility   | <u>ype Fee (</u><br>300                  | <u>Fee (\$)</u><br>150 | <u>Fee (</u> \$          | 250 <u>Fee (\$)</u>    | <u>Fee</u><br>200 |              |                | rees raid (w)  |  |  |  |  |
|   | 200                                      | 100                    | . 100                    |                        | 130               |              |                |                |  |  |  |  |
| Design  | 200                                      |                        |                          | 50                     |                   |              |                |                |  |  |  |  |
| Plant   |  | 100                    | . 300                    | 150                    | 160               |              |                |                |  |  |  |  |
| Reissue   | 300                                      | 150                    | 500                      | 250                    | 600               |              |                |                |  |  |  |  |
| Provisional   | 200                                      | 100                    | . 0                      | 0                      | . (               | ) C          |                | nall Entity    |  |  |  |  |
| 2. EXCESS CL<br>Fee Description   |  |                        |                          |                        |                   | <u>Fe</u>    | e (\$)         | Fee (\$)       |  |  |  |  |
|   | ver 20 (includii                         |                        |                          |                        |                   |              | 50             | 25             |  |  |  |  |
| Each indepe   | ndent claim ove                          | r 3 (includin          | g Reissues)              |                        |                   |              | 200            | 100            |  |  |  |  |
|   | endent claims                            |                        |                          |                        |                   |              | 360            | 180            |  |  |  |  |
| Total Claims  | Extra (                                  |                        |                          | e Paid (\$)            |                   |              |                | ndent Claims   |  |  |  |  |
|   | 0 or HP = 0<br>nber of total claims p    | X                      |                          |                        |                   | <u>F</u>     | <u>ee (\$)</u> | Fee Paid (\$)  |  |  |  |  |
| Indep. Claims   | Extra                                    | -                      |                          | e Paid (\$)            |                   |              |                |                |  |  |  |  |
|   | or HP =(                                 |                        | =                        | 0                      |                   |              |                |                |  |  |  |  |
| HP = highest number of independent claims paid for, if greater than 3.  3. APPLICATION SIZE FEE   |  |                        |                          |                        |                   |              |                |                |  |  |  |  |
| If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer   |  |                        |                          |                        |                   |              |                |                |  |  |  |  |
| listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). |  |                        |                          |                        |                   |              |                |                |  |  |  |  |
| <u>Total Sheets</u> <u>Extra Sheets</u> <u>Number of each additional 50 or fraction thereof</u> <u>Fee (\$)</u> <u>Fee Paid (\$)</u>  |  |                        |                          |                        |                   |              |                |                |  |  |  |  |
| 4 071155 555  | 100 =                                    | / 50 =                 | <del></del>              | (roun <b>a up to</b> : | a wnoie nu        | ітірег) х    |                | _ =            |  |  |  |  |
| 4. OTHER FEE(S)  Non-English Specification, \$130 fee (no small entity discount)  Fees Paid (\$)  |  |                        |                          |                        |                   |              |                |                |  |  |  |  |
| Other (e.g., late filing surcharge):  |  |                        |                          |                        |                   |              |                |                |  |  |  |  |
| SUBMITTED BY  |  |                        |                          |                        |                   |              |                |                |  |  |  |  |
| Signature   | lith                                     | Kn                     | 2                        | Registration No        | o. 47.898         |              | Telephone (    | 203) 787-0595  |  |  |  |  |
| Name (Print/Type) Kelly M. Reynolds (Attorney/Agent) 47,898   |  |                        |                          |                        |                   |              | Date April 2   |                |  |  |  |  |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

FIS920040128US1 **PATENT** DOCKET: <u>IN THE UNITED STATES PATENT AND TRADEMARK OFFICE</u> VENTOR: Timothy J. Dalton et al. ) EXAMINER: Phuc T. Dang **SERIAL NO.:** 10/710,210 ART UNIT: 2818 June 25, 2004 DATE: April 27, 2005 FILING DATE: FOR: INTERCONNECT **STRUCTURE IMPROVEMENTS** 

## **AMENDMENT**

Mail Stop AMENDMENT Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

## Dear Sir:

Responsive to the Office Action mailed April 8, 2005, please reconsider the above-identified application in view of the following amendments and remarks.